

U.S. PAT. OFF. 1964

FIGURE 1

SIDE VIEW OF WIDE SHOE PRESS

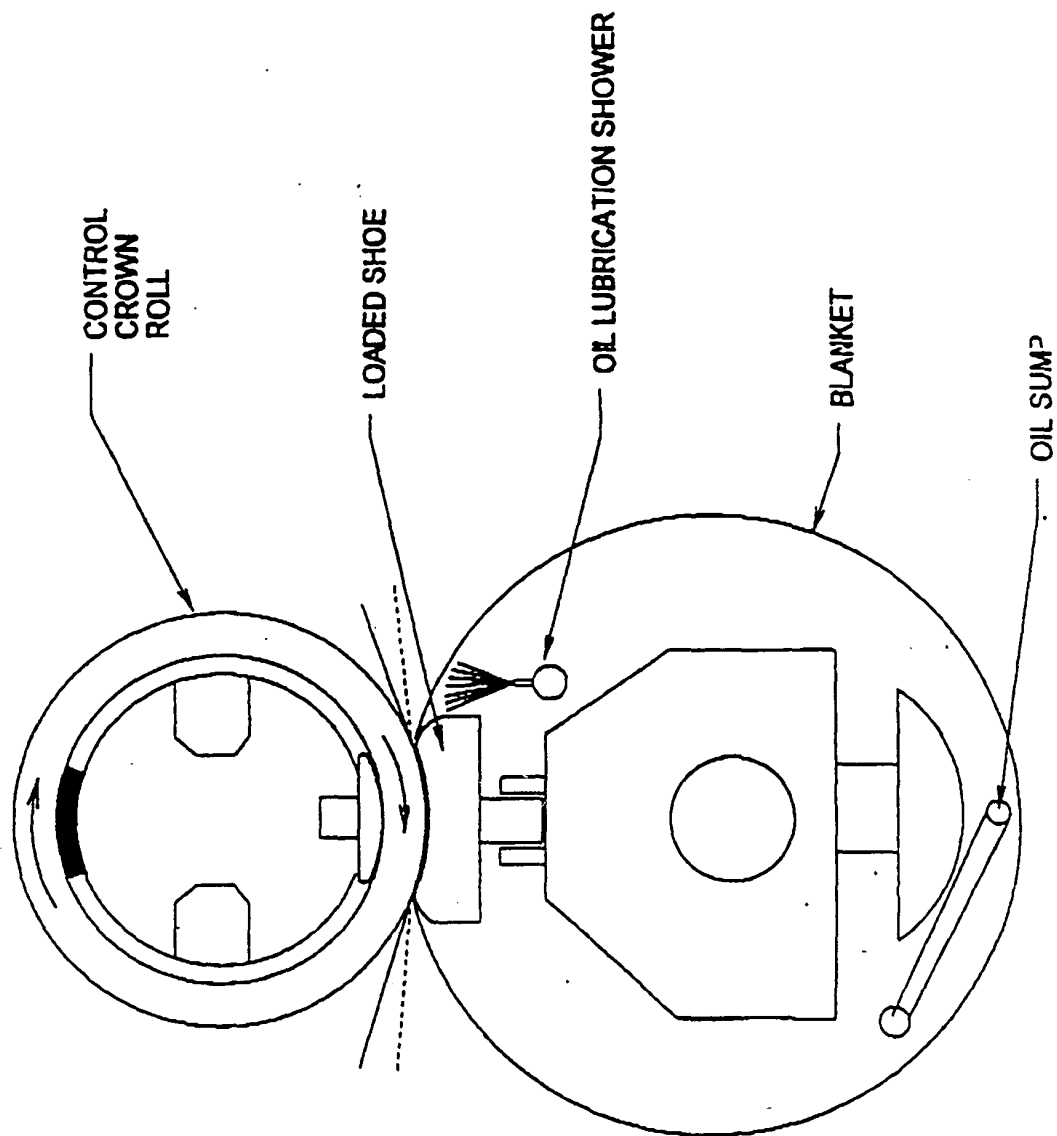


Figure 2: Relationship Between Peak Pressure and Line Load

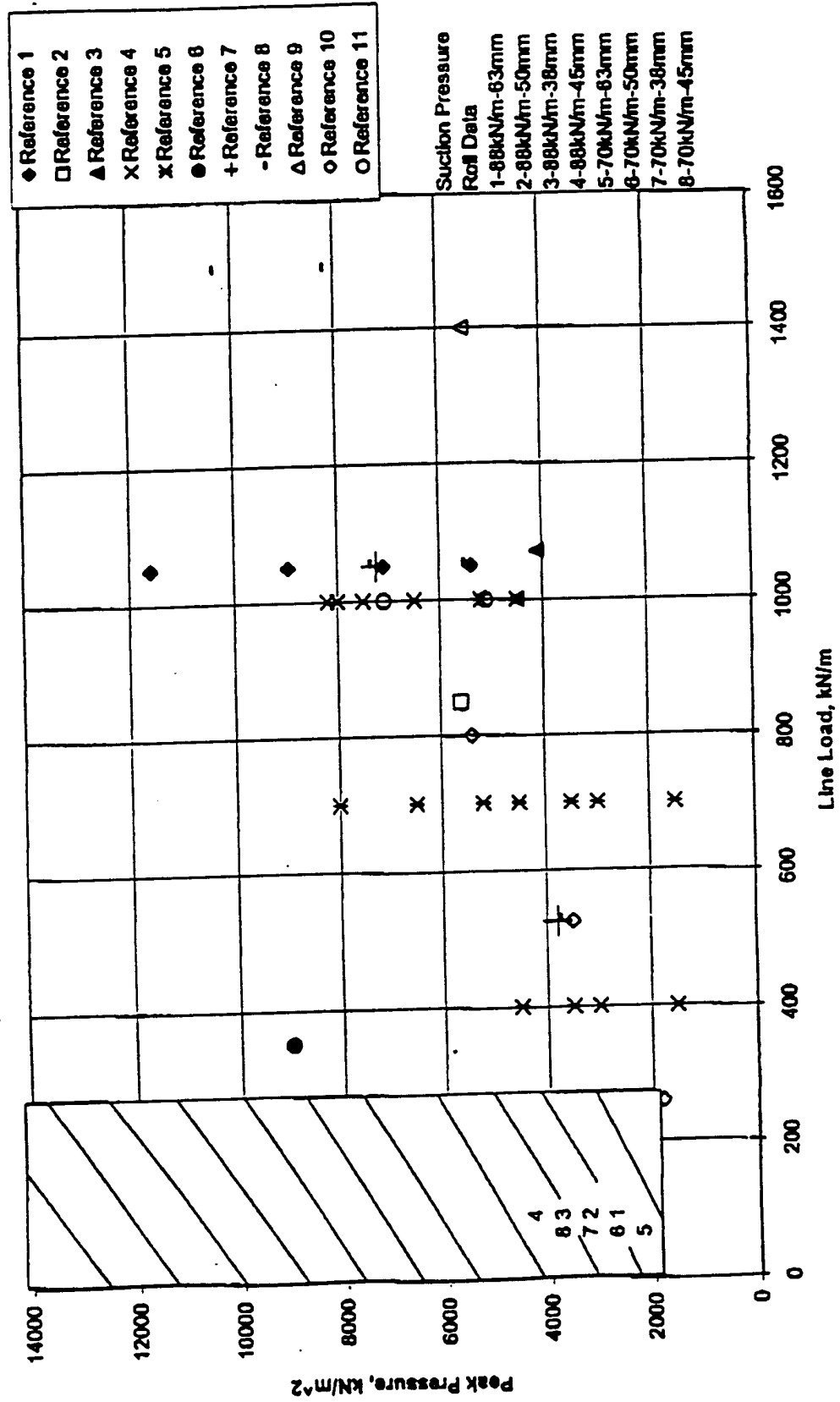


FIGURE 3

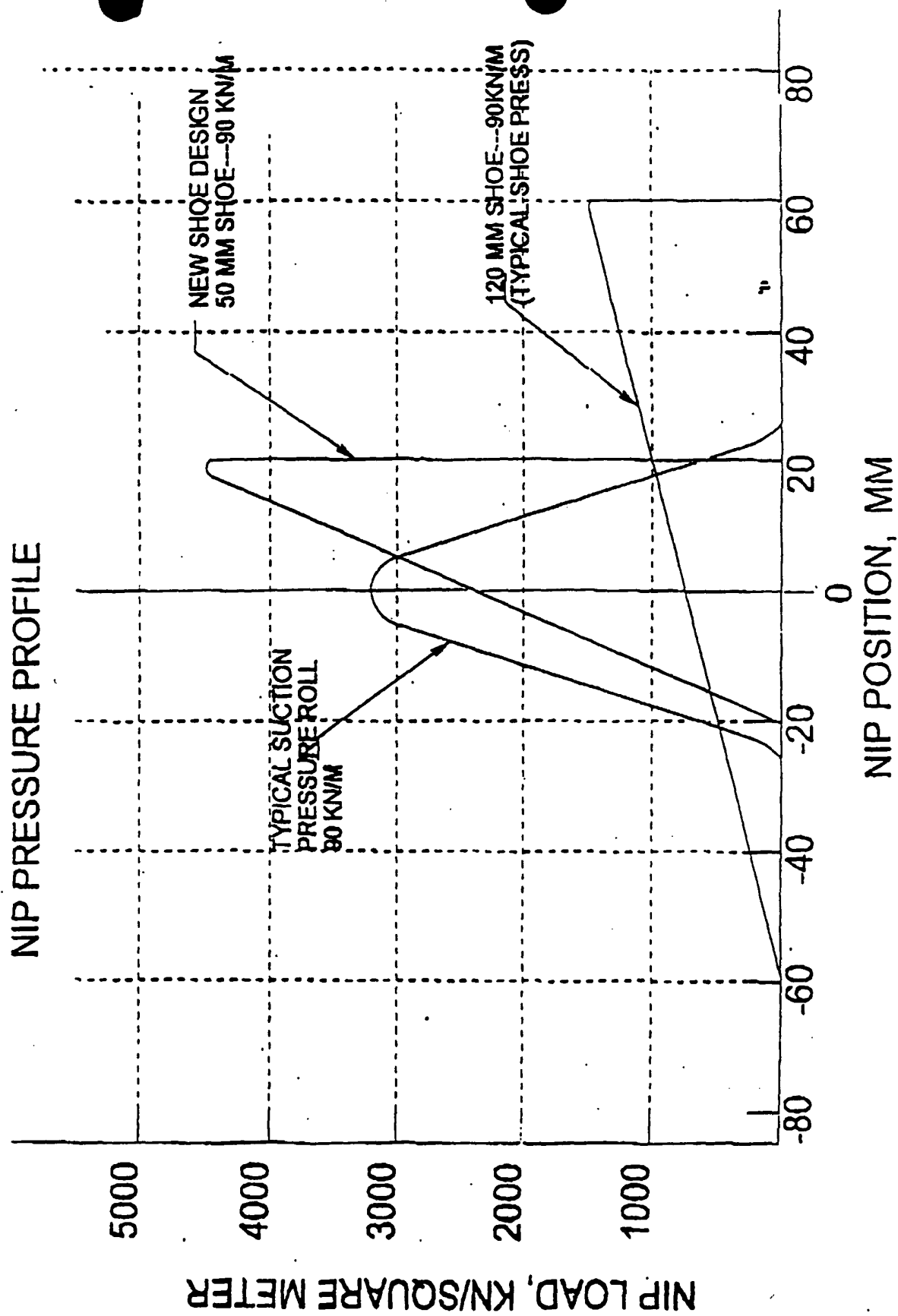


FIG. 4 — CONVENTIONAL WET PRESS PROCESS LAYOUT

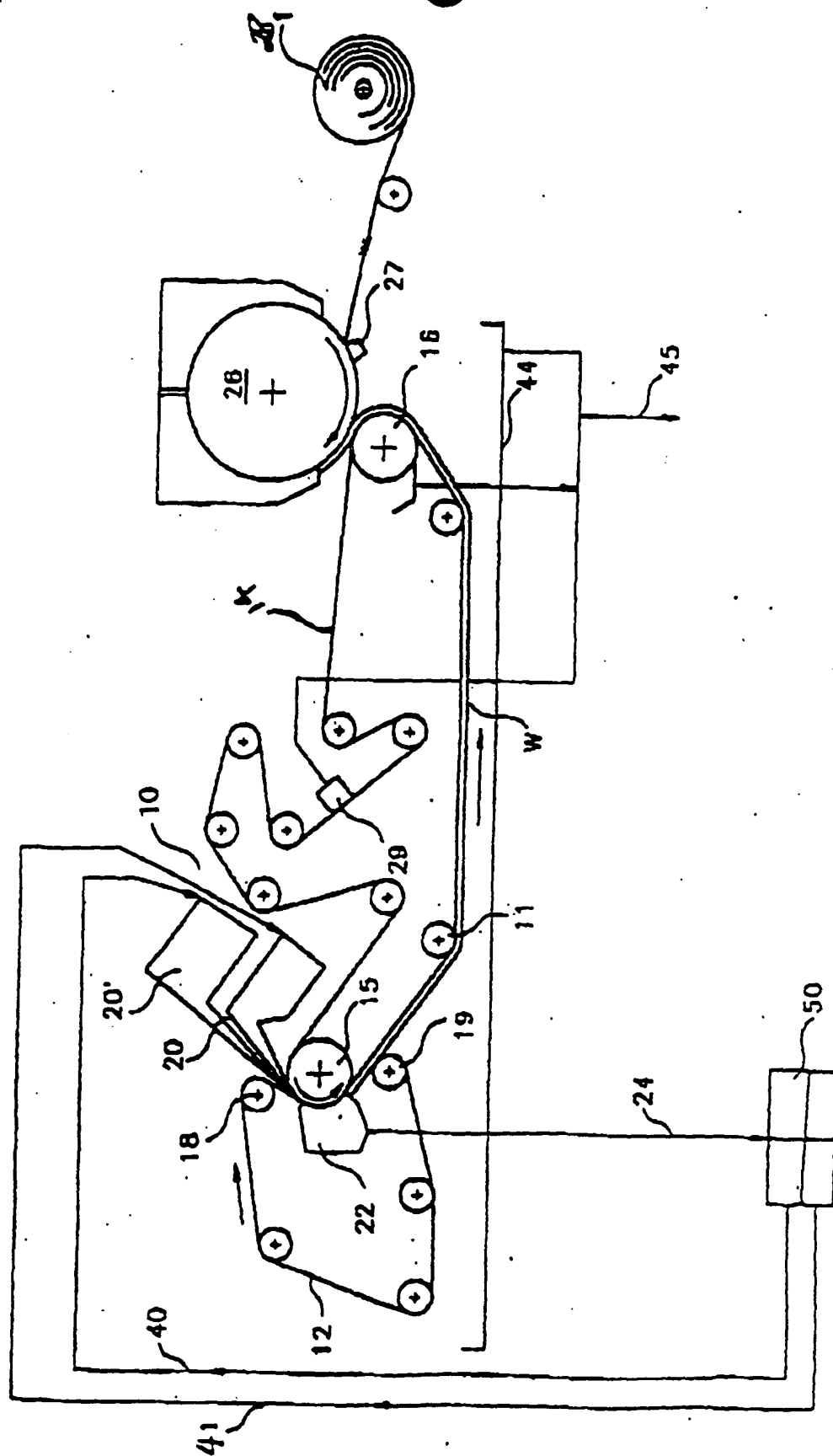


FIG. 5

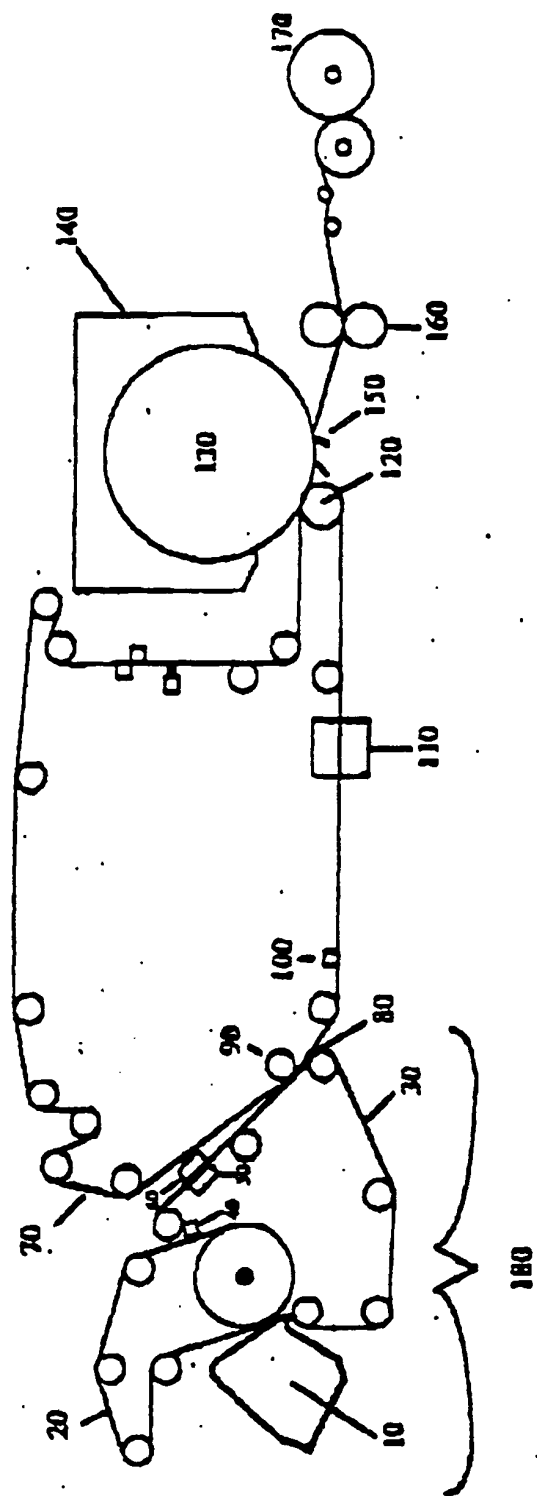


FIG. 5 --CONVENTIONAL THROUGH-AIR-DRYING PROCESS LAYOUT

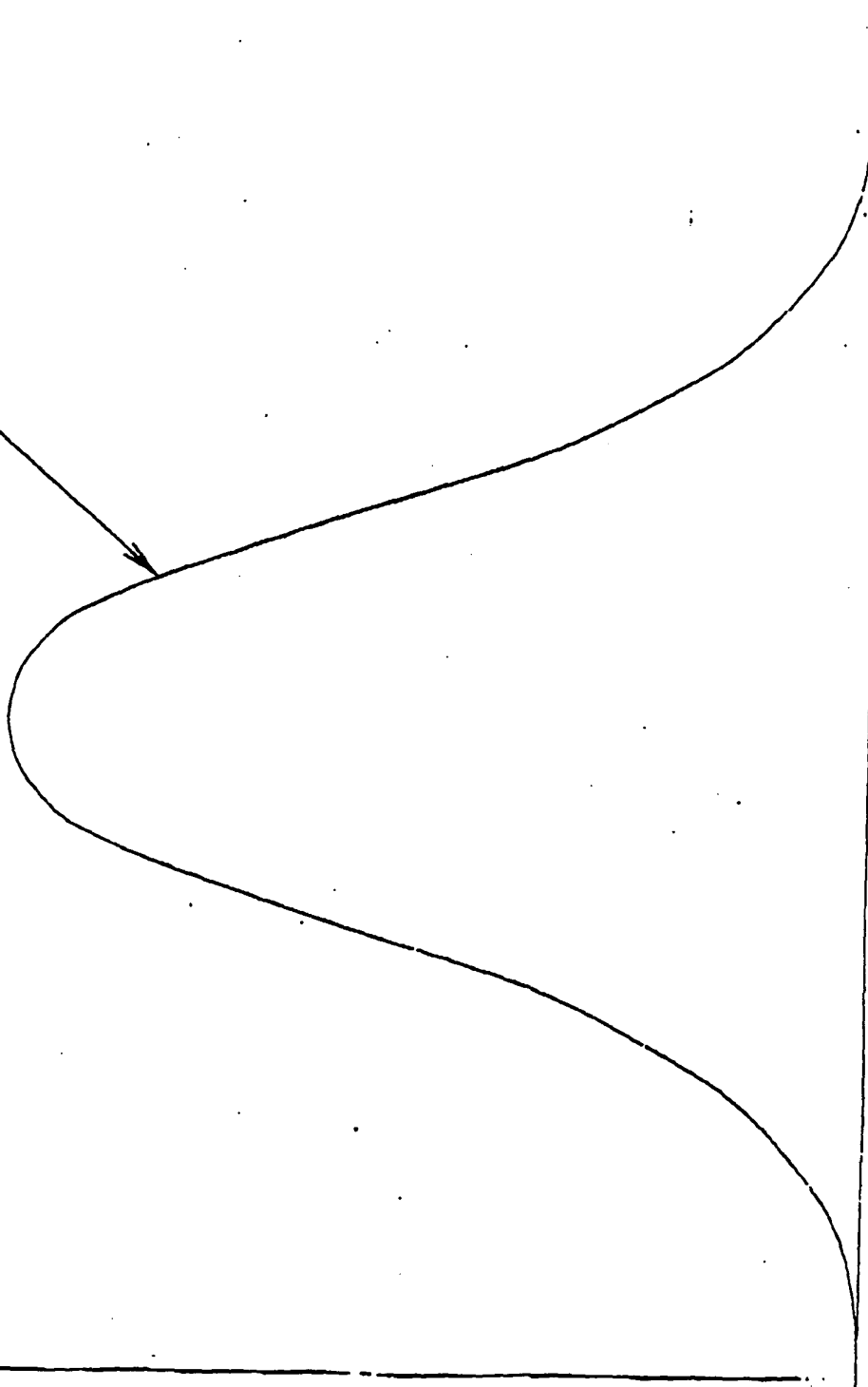
FIGURE 6

TYPICAL PRESSURE ROLL CURVE

SYMMETRICAL CURVE

PRESSURE

NIP COORDINATE



THESE DATA WERE OBTAINED FROM A TEST OF A SHOE PRESSURE MEASURING SYSTEM.

FIGURE 7

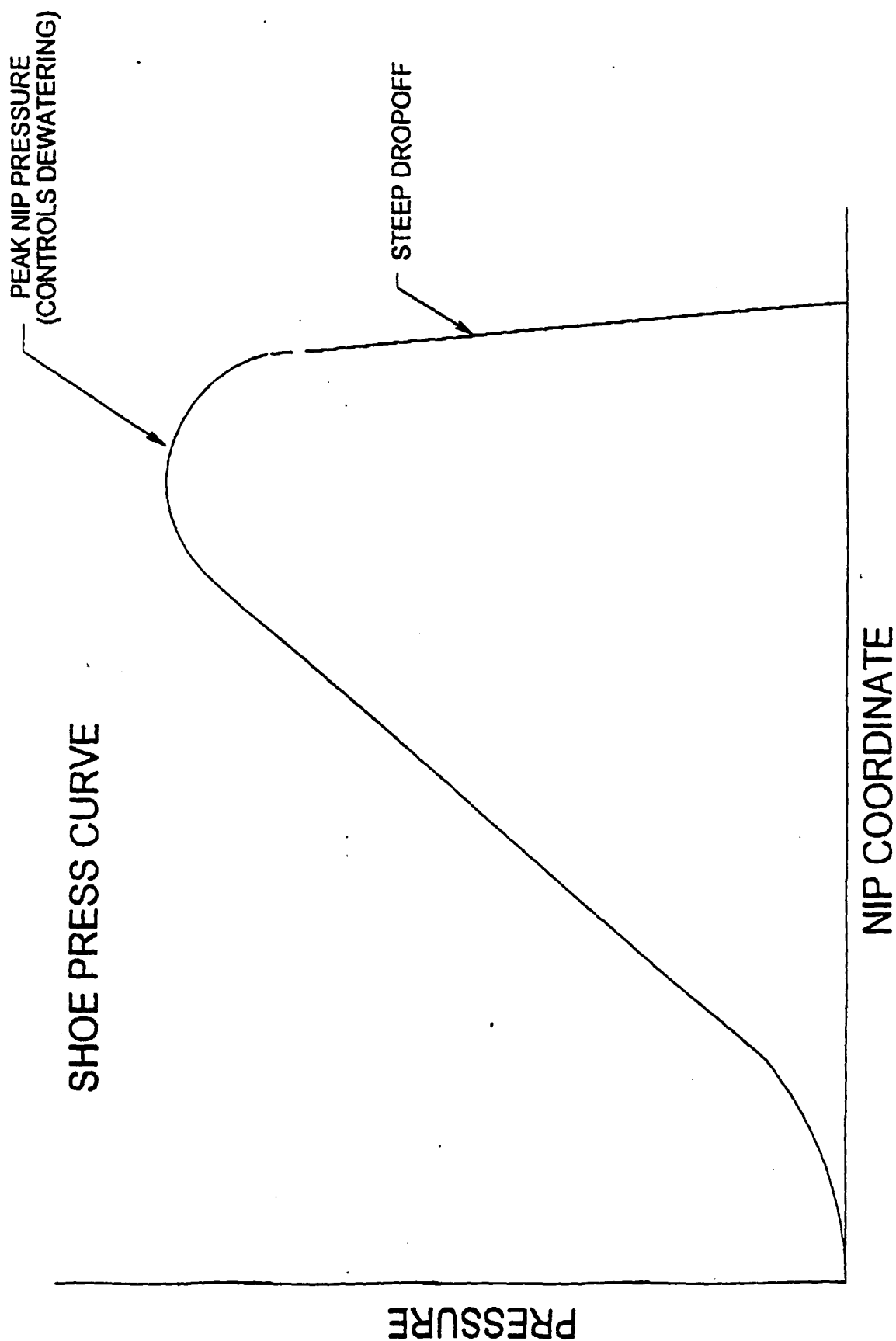
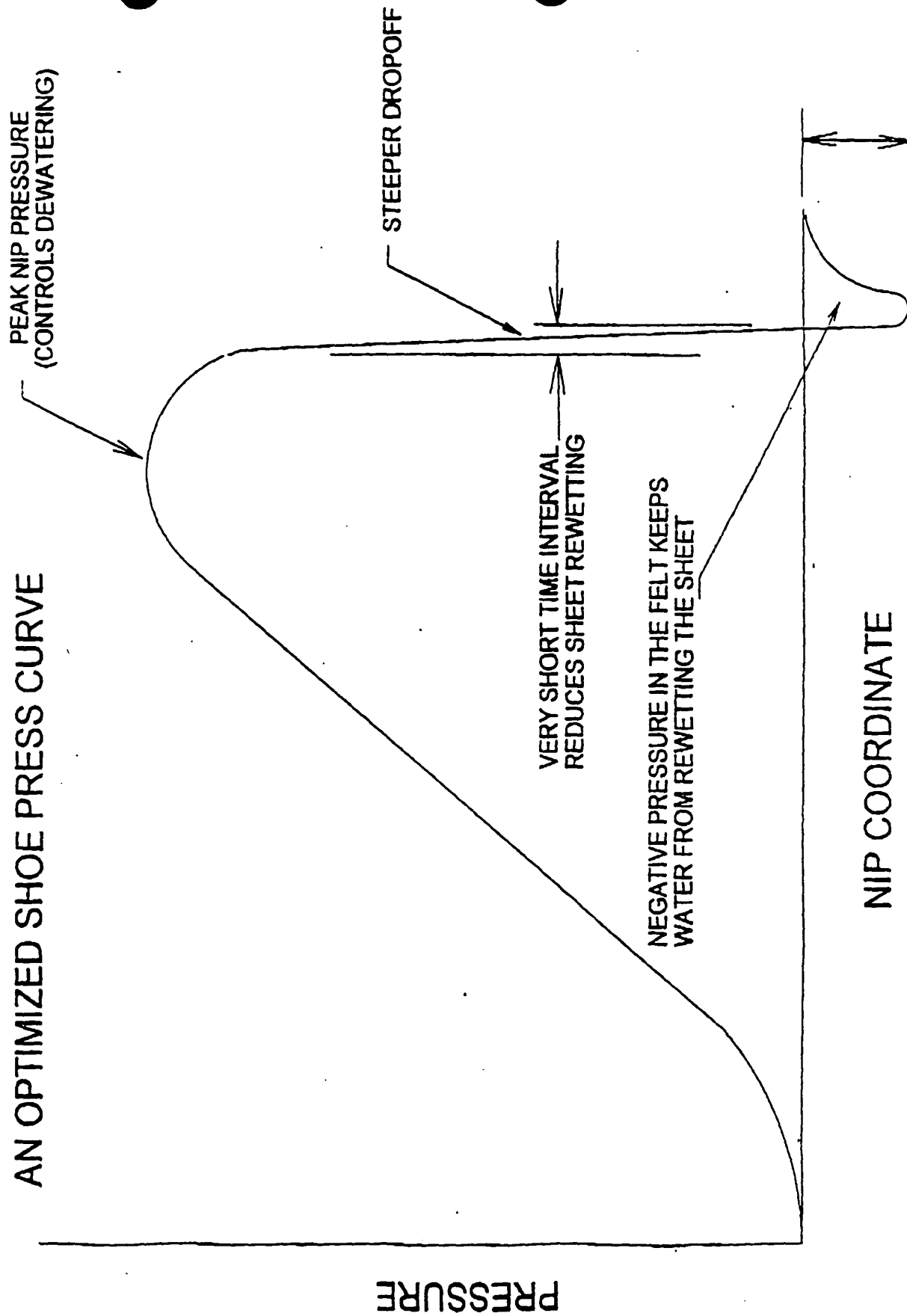


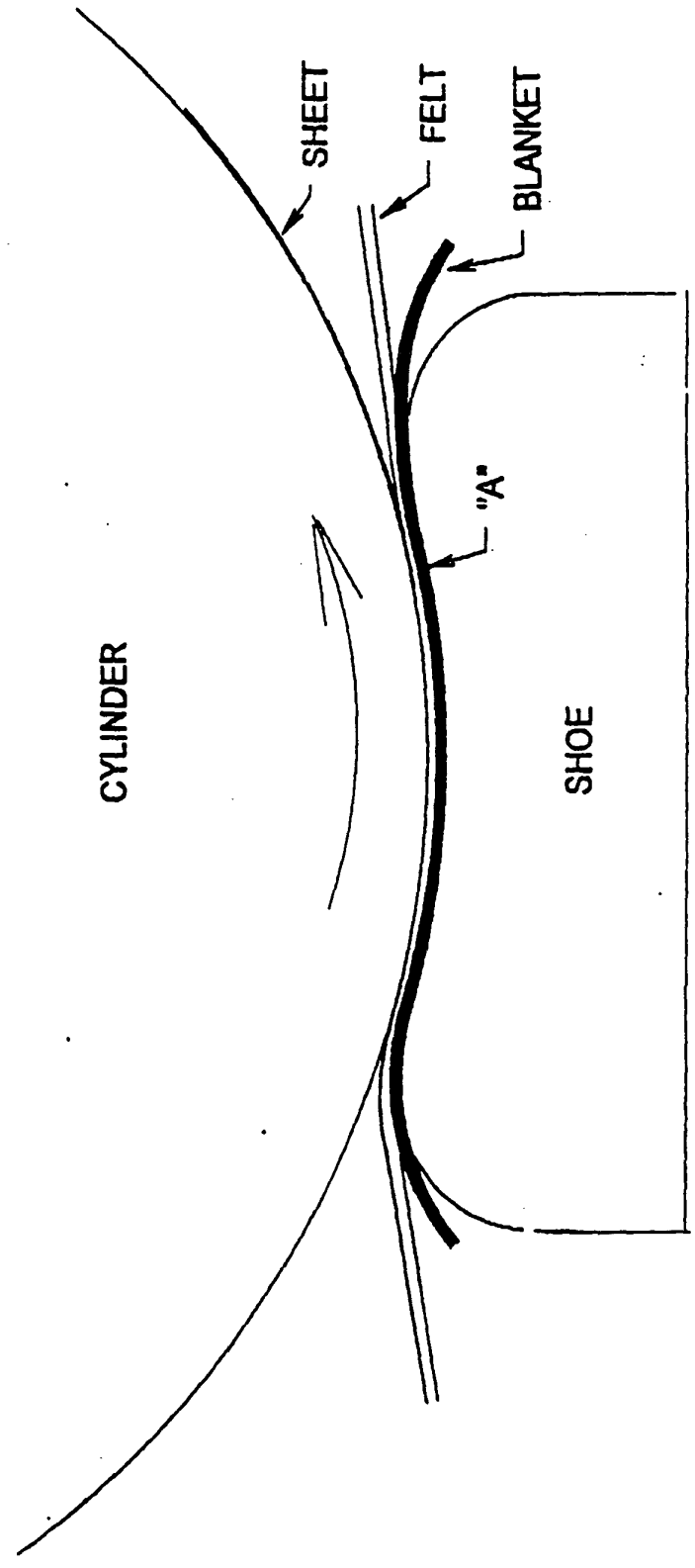
FIGURE 8



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FIGURE 9

SHOE PRESS WITH LARGE DIAMETER TRANSFER CYLINDER AND WITH FELT PARTIALLY WRAPPING CYLINDER



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FIGURE 10

SHOE PRESS TAPERED ON THE EXIT SIDE SO THAT
BLANKET/FELT CAN BE RAPIDLY REMOVED FROM THE SHEET

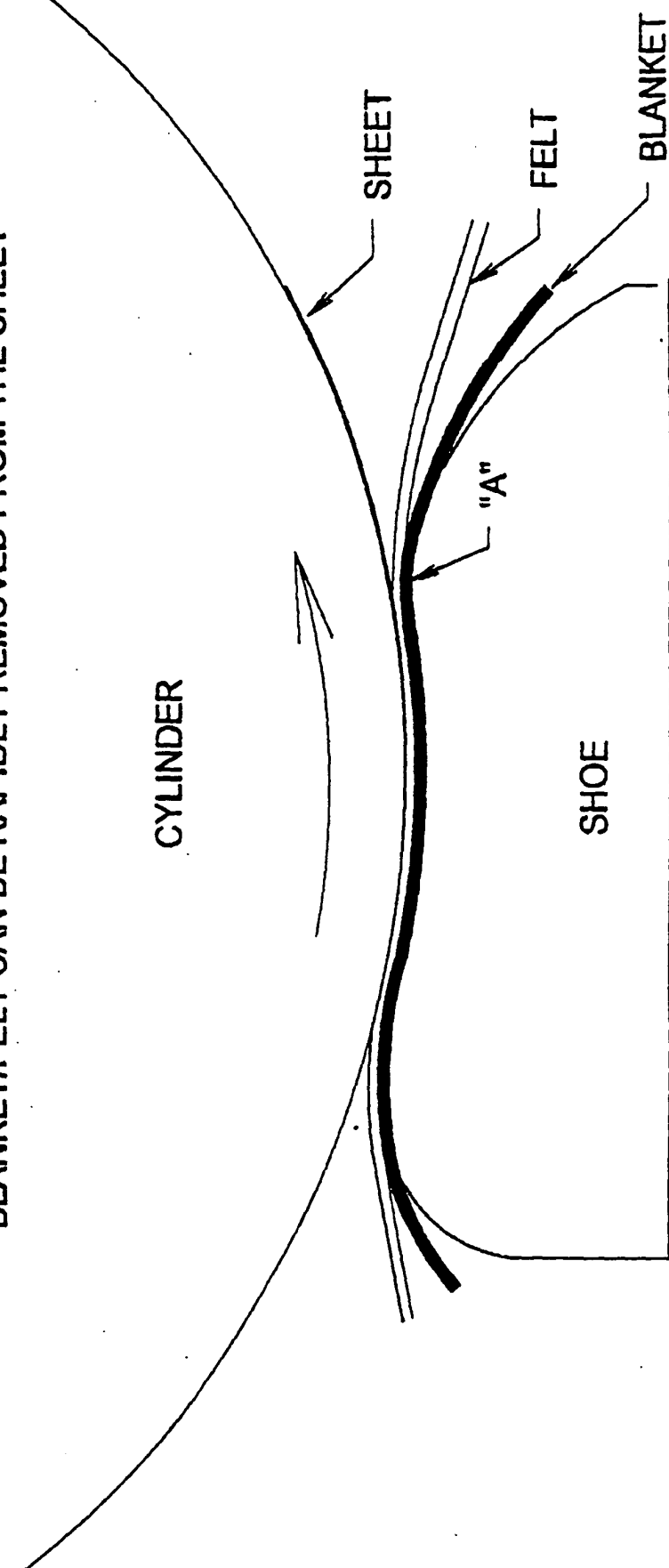


FIGURE 11

SHOE PRESS TAPERED ON THE EXIT SIDE SO THAT FELT CAN BE RAPIDLY REMOVED FROM THE SHEET WHILE THE BLANKET IS SIMULTANEOUSLY RAPIDLY REMOVED FROM THE FELT

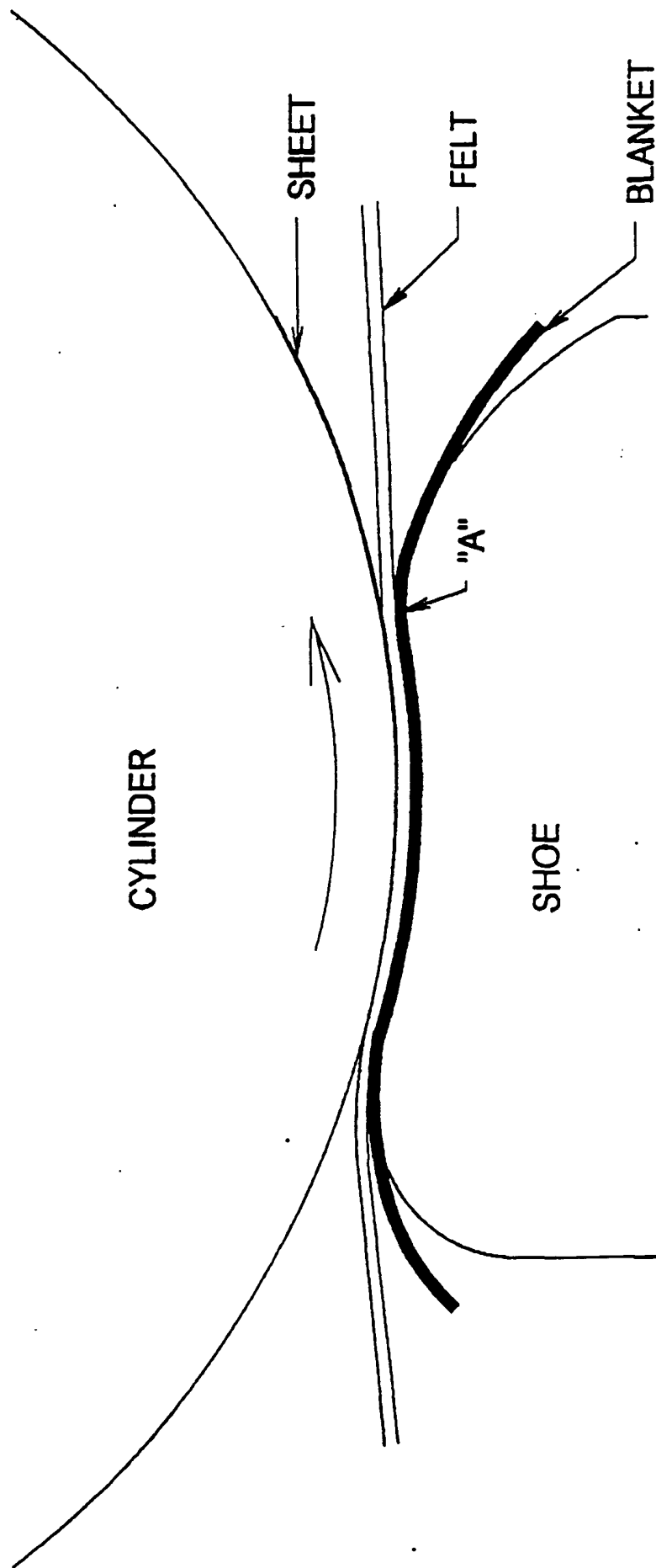
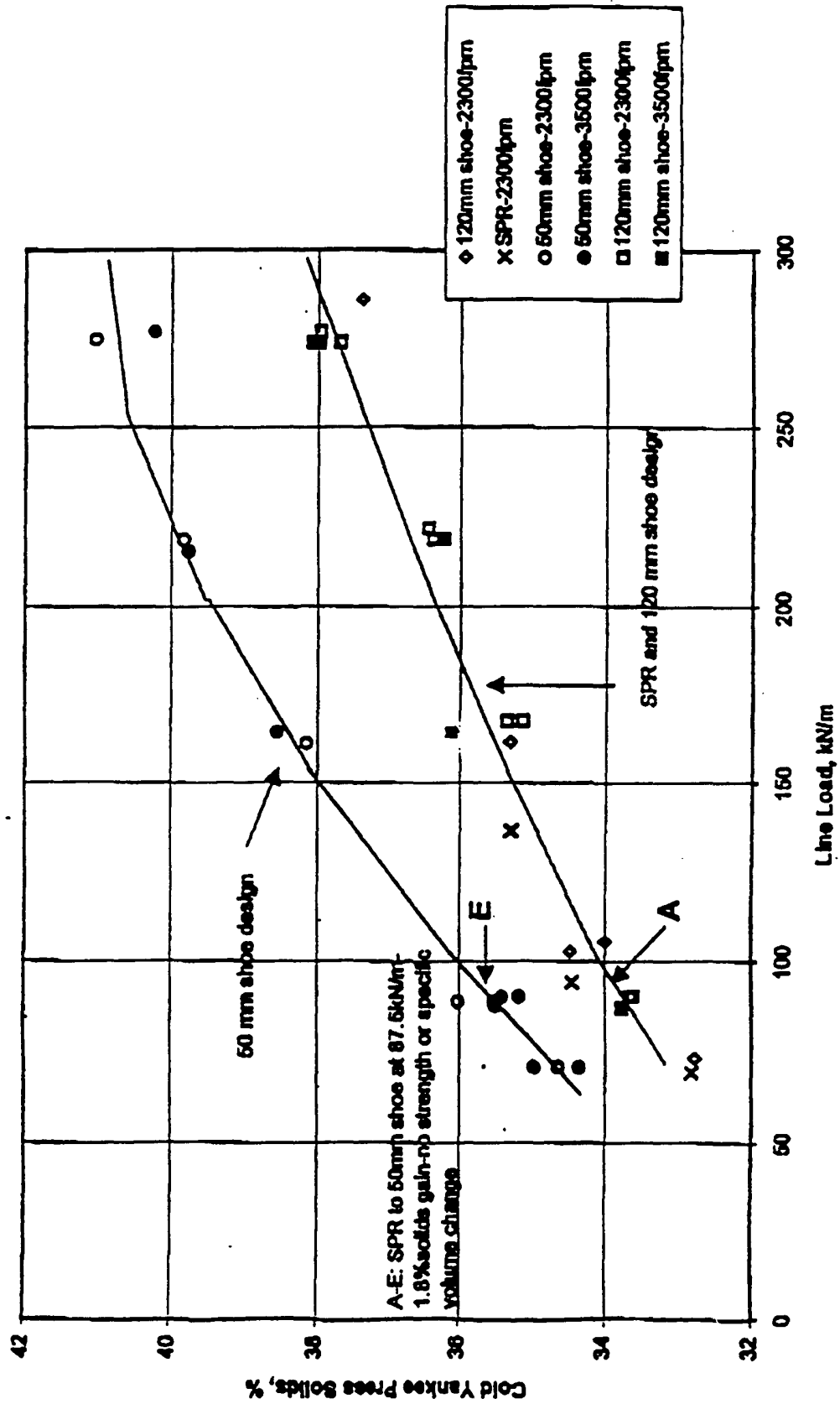


Figure 12: Relationship Between Cold Yankee Press Solids and Line Load



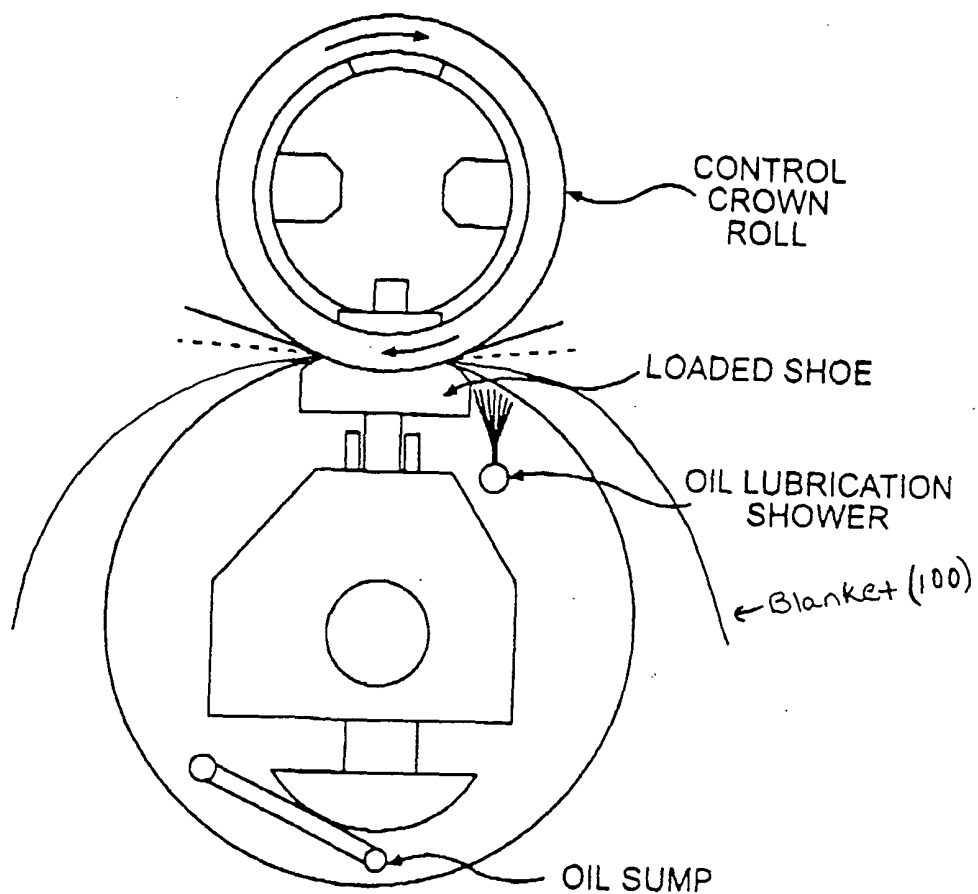


FIG. 13

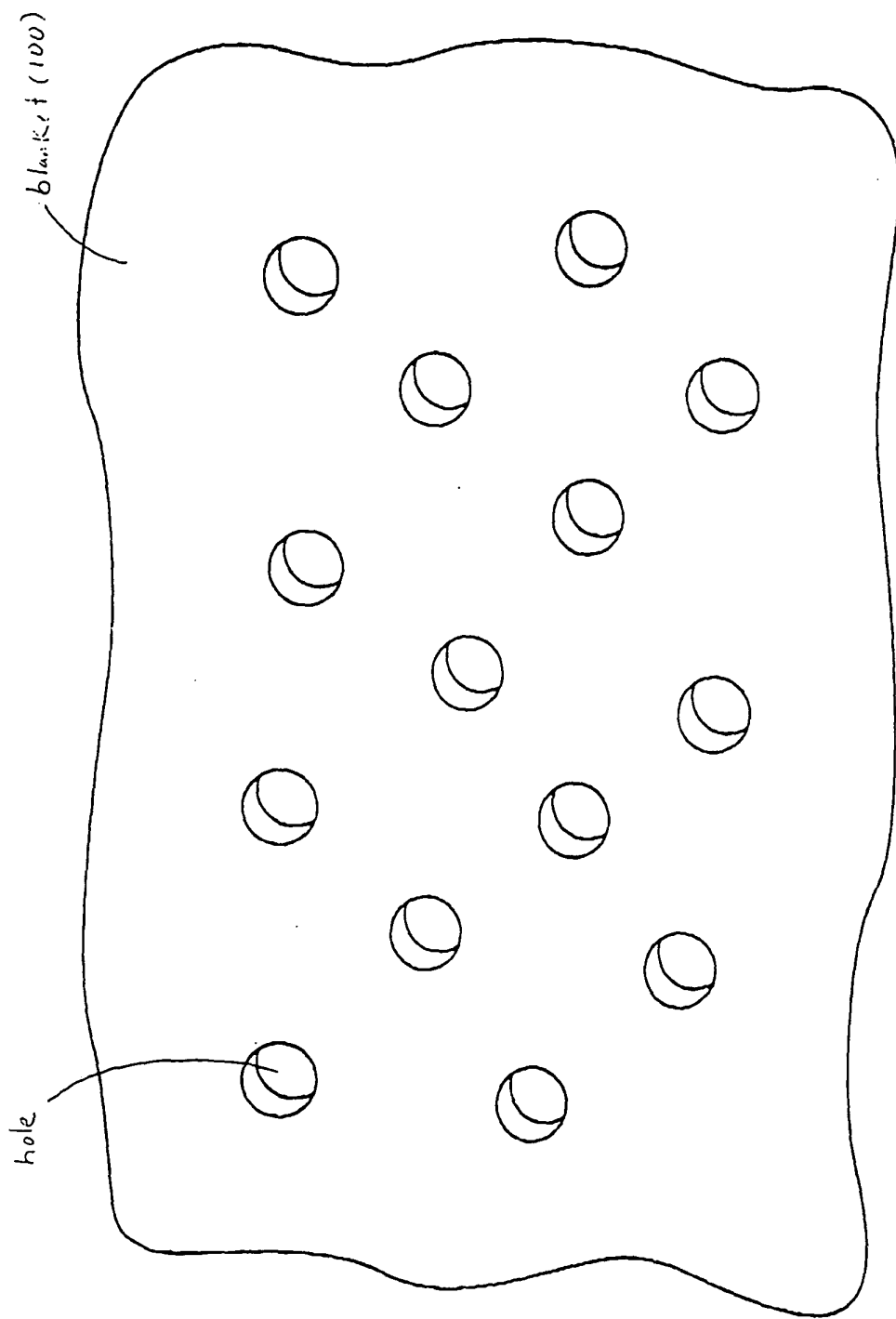


FIG. 14

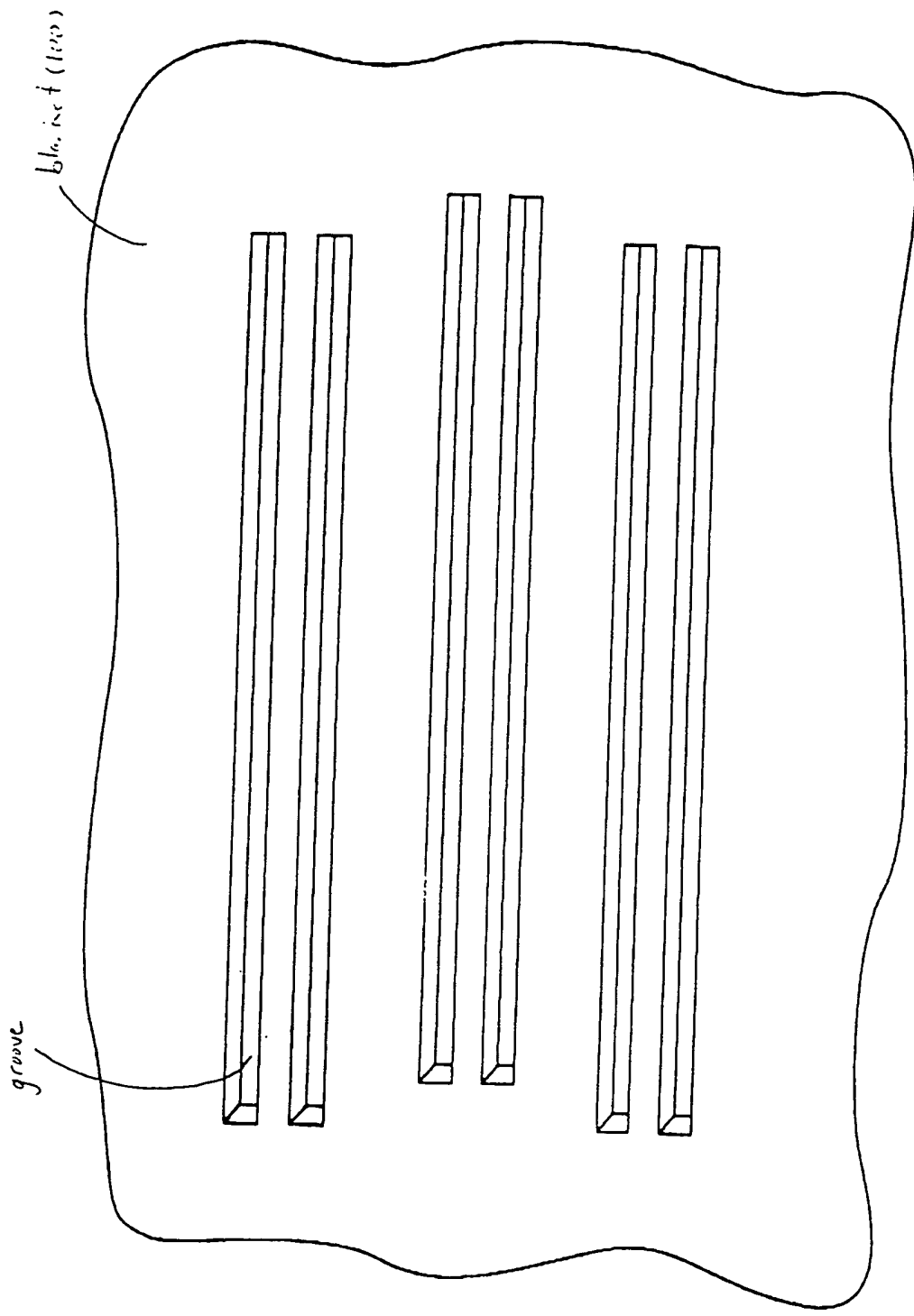


FIG. 15